Subject: multi level analysis on low birth weight
Posted by alemneh on Thu, 14 Feb 2019 11:23:05 GMT

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hello forum users,i am planning to apply multilevel analysis to identify individual and community level factors by EDHS data.
but i can't access some of community level variables directly from dataset.therefore i need to aggregate individual level variables to community levelvariables such as community illiteracy level community poverty level etc.but i face achalenge just how to apply stata code.therefore i need support from an expert in this area.thank you in advance.

Subject: Re: multi level analysis on low birth weight
Posted by Bridgette-DHS on Thu, 07 Mar 2019 17:30:47 GMT

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Following is a response by Senior DHS Stata Specialist, Tom Pullum:

I know of two ways to attach cluster-level compositional variables (such as proportion of the women in the cluster who are in the bottom wealth quintile) to the individual records. The first is to (a) construct the compositional variable with "collapse....., by(v001)" and then (b) merge that cluster-level file back to the individual-level data. The other possibility would be to use some of the "egen....,by(v001)" commands. I suggest that you try one or the other of these approaches. Let us know if you have trouble.